Supporting information

An injectable thermosensitive hydrogel loaded with an ancient natural drug colchicine for myocardial repair after infarction

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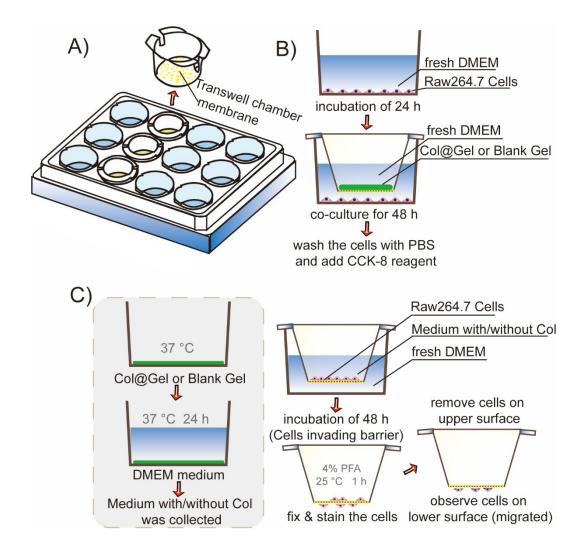


Fig. S1 A) The sketch of Transwell chambers and cell culture plates. B) The diagram of *in vitro* cytotoxicity assay which is measured with a CCK-8 assay. C) The diagram of *in vitro* cell migration assay which is measured by a Transwell assay.



Fig. S2 Electrocardiogram changes pre and post-MI. A: Electrocardiogram preligation of LAD of mouse, B: Electrocardiogram post-ligation of LAD of mouse.

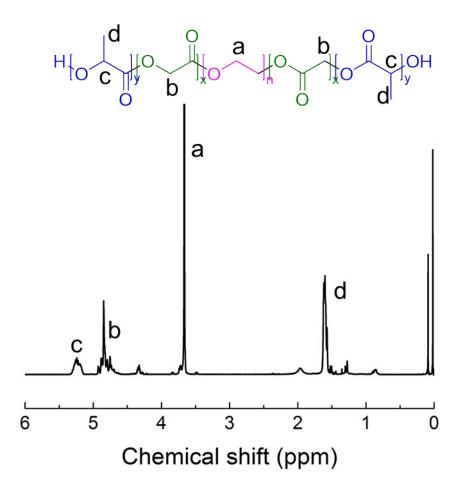


Fig. S3 ¹H-NMR spectrum of as-synthesized PLGA-PEG-PLGA triblock copolymer.

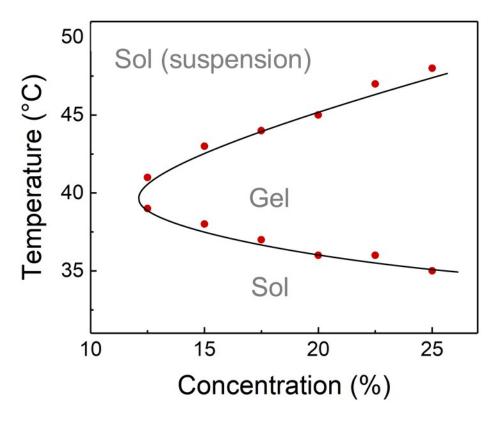


Fig. S4 Phase diagram of PLGA-PEG-PLGA aqueous solution.